

QUALITY AND TYPE REFERENCE: CHALFANT ALUMINUM CABLE BEAM TYPE 655A OR APPROVED EQUAL.

CABLE TRAYS, FITTINGS, HARDWARE AND ACCESSORIES SHALL BE NEW AND CONTRACTOR FURNISHED AND INSTALLED.  
ENCLOSED LADDER CABLE TRAYS (CLOSED BOTTOM, ALUMINUM COVER, EXTERIOR INSTALLATION, BLAST RESISTANT).

USE: ON SSAT AND FROM SSAT TO PAD SURFACE, UNLESS OTHERWISE INDICATED.

NOTE: THE CONTRACTOR SHALL INVENTORY THE TRAY EXISTING ON THE ML #2 TOWER SECTIONS AS THIS TRAY WILL BE INSTALLED ON THE SSAT (THE SSAT IS THE ML #2 TOWER RECONFIGURED). ANY DEFICIENCIES IN TRAY FITTINGS OR SECTIONS SHALL BE SUPPLIED BY THE CONTRACTOR AS PART OF THIS CONTRACT. ANY NEW TRAY FITTINGS OR SECTIONS REQUIRED SHALL MATCH IN MATERIAL, STRENGTH AND CONFIGURATION THE EXISTING TRAY AND COVERS NOW ON THE ML #2 TOWER SECTIONS. VERTICAL SECTIONS OF TRAY SHALL BE REWORKED FOR USE AS HORIZONTAL TRAY BY REMOVING THE CABLE SUPPORT SECTION, INSTALLING A CLOSURE PLATE AND LADDER RUNGS.

TRAY CONSTRUCTION: MATERIAL SHALL BE 6063-T6 ALUMINUM ALLOY, LADDER TYPE TRAY WITH 9" RUNG SPACING, 1/8" WELDED IN PLACE BOTTOM CLOSURE PLATE, WIDTHS OF 12", 18" OR 24", FITTING MINIMUM RADIUS OF 24", TRAY INSIDE CLEAR DEPTH OF 5 1/2", 1/8" ALUMINUM COVER WITH STAINLESS STEEL LATCHES EQUAL TO SIMMONS LINK LOCK FASTENER NO. 3 REFER TO DETAIL "F", SHEET 355 (E77).

QUALITY AND REFERENCE: EXISTING TRAY ON ML #2 TOWER.

---INSTALLATION---

---CABLE TRAYS

ALL CABLE TRAYS SHALL BE INSTALLED BY THE CONTRACTOR AS A COMPLETE WIREWAY SYSTEM. TRAYS SHALL INCLUDE SPLICE AND END PLATES, DROPOUTS, AND MISCELLANEOUS HARDWARE. PRIOR TO ASSEMBLY, ALL CONTACT SURFACES OF TRAYS SHALL BE COATED WITH AN ANTIOXIDENT COMPOUND. ALL EDGES, FITTINGS, AND HARDWARE SHALL BE FINISHED FREE FROM BURRS AND SHARP EDGES. ALL CABLE TRAY SECTIONS AND FITTINGS SHALL BE CONNECTED BY MEANS OF SPLICE PLATES AND HIGH STRENGTH BOLTS TO BE ELECTRICALLY CONTINUOUS.

---SUPPORTS

ALL TYPES OF SUPPORTS AND HANGERS SHALL PERMIT VERTICAL ADJUSTMENT, ALONG WITH HORIZONTAL ADJUSTMENT, WHERE POSSIBLE. THIS SHALL BE ACCOMPLISHED BY THE USE OF CHANNEL FRAMING, BEAM CLAMPS, AND THREADED HANGER RODS. HORIZONTAL AND VERTICAL TRAY SUPPORTS SHALL PROVIDE AN ADEQUATE BEARING SURFACE FOR THE TRAY AND SHALL HAVE PROVISIONS FOR HOLD-DOWN CLAMPS OR FASTENERS. VERTICAL TRAY SUPPORTS SHALL PROVIDE